

Table 18. Multidrug Resistance among *Campylobacter* Isolates by Species, 2002-2011¹

Year			2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
No. of Isolates Tested by Species and Source	<i>C. jejuni</i>	Retail Chicken	198	325	510	403	426	332	329	404	355	393
		Ground Turkey	2	4	7	10	12	20	10	9	5	13
	<i>C. coli</i>	Retail Chicken	90	142	196	151	145	143	181	176	148	210
		Ground Turkey	2	1	5	9	10	14	19	16	7	18
Resistance Pattern	Species	Isolate Source ²										
1. No Resistance Detected	<i>C. jejuni</i>	Retail Chicken	54.5% 108	51.7% 168	41.0% 209	43.4% 175	43.9% 187	40.4% 134	40.4% 133	41.8% 169	51.3% 182	42.2% 166
		Ground Turkey	– 1	25.0% 1	42.9% 3	30.0% 3	16.7% 2	10.0% 2	– 1	– 3	20.0% 1	– 4
	<i>C. coli</i>	Retail Chicken	51.1% 46	43.0% 61	38.3% 75	36.4% 55	38.6% 56	45.5% 65	41.4% 75	49.4% 87	54.7% 81	41.9% 88
		Ground Turkey	50.0% 1	– 1	100.0% 5	11.1% 1	20.0% 2	28.6% 4	5.3% 1	18.8% 3	– 2	22.2% 4
2. Resistance to ≥ 2 Antimicrobial Classes	<i>C. jejuni</i>	Retail Chicken	8.1% 16	7.1% 23	7.1% 36	6.0% 24	8.7% 37	7.2% 24	7.0% 23	10.4% 42	11.5% 41	13.5% 53
		Ground Turkey	50.0% 1	– 1	14.3% 1	10.0% 1	41.7% 5	30.0% 6	70.0% 7	44.4% 4	40.0% 2	38.5% 5
	<i>C. coli</i>	Retail Chicken	12.2% 11	10.6% 15	15.3% 30	19.9% 30	15.2% 22	19.6% 28	24.3% 44	16.5% 29	23.6% 35	32.4% 68
		Ground Turkey	50.0% 1	100.0% 1	– 1	55.6% 5	30.0% 3	42.9% 6	52.6% 10	37.5% 6	57.1% 4	55.6% 10
3. Resistance to ≥ 3 Antimicrobial Classes	<i>C. jejuni</i>	Retail Chicken	– 1	– 5	0.4% 2	0.5% 2	0.7% 3	0.6% 2	0.3% 1	0.2% 1	0.6% 2	0.5% 2
		Ground Turkey	– 1	– 5	– 16	– 14	– 8	5.0% 1	10.0% 1	– 8	– 6	– 6
	<i>C. coli</i>	Retail Chicken	1.1% 1	3.5% 5	8.2% 16	9.3% 14	5.5% 8	7.0% 10	6.1% 11	4.5% 8	4.1% 6	2.9% 6
		Ground Turkey	– 1	– 5	– 16	22.2% 2	– 3	– 4	5.3% 1	– 3	14.3% 3	5.6% 3
4. Resistance to ≥ 4 Antimicrobial Classes	<i>C. jejuni</i>	Retail Chicken	– 1	– 5	0.4% 2	0.3% 1	0.7% 3	– 3	– 10	– 1	0.3% 1	– 1
		Ground Turkey	– 1	– 5	– 16	– 14	– 8	5.0% 1	10.0% 1	– 8	– 6	– 6
	<i>C. coli</i>	Retail Chicken	– 1	– 5	1.5% 3	4.6% 7	2.1% 3	2.8% 4	2.2% 4	1.7% 3	2.0% 3	1.4% 3
		Ground Turkey	– 1	– 5	– 16	22.2% 2	– 3	– 4	– 4	– 3	– 3	5.6% 1
5. Resistance to ≥ 5 Antimicrobial Classes	<i>C. jejuni</i>	Retail Chicken	– 1	– 5	– 16	– 14	– 8	– 3	– 10	– 1	– 6	– 6
		Ground Turkey	– 1	– 5	– 16	– 14	– 8	5.0% 1	– 1	– 8	– 6	– 6
	<i>C. coli</i>	Retail Chicken	– 1	– 5	0.5% 1	0.7% 1	– 3	0.7% 1	– 4	1.1% 2	– 3	– 3
		Ground Turkey	– 1	– 5	– 16	– 14	– 8	– 3	– 4	– 3	– 3	– 3

¹ Dashes indicate 0.0% resistance.² Ground beef and pork chop are no longer tested for *Campylobacter* due to low recovery from 2002-2007.